Database Schema Documentation

# 1. Vendors Table

Stores vendor details such as company information and tax identifiers.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Description |
| VendorID | UNIQUEIDENTIFIER | Primary key for vendor record. |
| CompanyName | NVARCHAR(100) | Vendor’s business name. |
| ContactName | NVARCHAR(100) | Vendor contact person name. |
| ContactEmail | NVARCHAR(100) | Email of the vendor contact. |
| ContactPhone | NVARCHAR(20) | Phone number of the vendor. |
| Address | NVARCHAR(200) | Physical address of the vendor. |
| City | NVARCHAR(50) | City of the vendor. |
| State | NVARCHAR(50) | State of the vendor. |
| Country | NVARCHAR(50) | Country of the vendor. |
| GSTNumber | NVARCHAR(20) | GST identification number. |
| PANNumber | NVARCHAR(20) | Permanent Account Number. |
| CreatedAt | DATETIME | Record creation timestamp. |
| UpdatedAt | DATETIME | Last updated timestamp. |

# 2. Users Table

Stores registered users linked to vendors.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Description |
| UserID | UNIQUEIDENTIFIER | Primary key for user record. |
| VendorID | UNIQUEIDENTIFIER | Foreign key linked to Vendors table. |
| FullName | NVARCHAR(100) | Full name of the user. |
| Username | NVARCHAR(50) | Unique username for login. |
| Email | NVARCHAR(100) | User’s email address. |
| Password | NVARCHAR(256) | User’s encrypted password. |
| CreatedAt | DATETIME | Record creation timestamp. |
| UpdatedAt | DATETIME | Last updated timestamp. |

# 3. UserDocuments Table

Stores URLs of user documents like ID proof, profile picture, etc.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Description |
| DocumentID | UNIQUEIDENTIFIER | Primary key for document record. |
| UserID | UNIQUEIDENTIFIER | Foreign key linked to Users table. |
| DocumentType | NVARCHAR(50) | Type of document (e.g., IDProof, ProfilePicture). |
| DocumentURL | NVARCHAR(500) | URL of the uploaded document. |
| UploadedAt | DATETIME | Timestamp when document uploaded. |
| UpdatedAt | DATETIME | Timestamp when last updated. |

# 4. UserLogs Table

Stores logs of user actions such as creation, update, deletion, and login.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Description |
| LogID | UNIQUEIDENTIFIER | Primary key for user log. |
| UserID | UNIQUEIDENTIFIER | Foreign key linked to Users table. |
| ActionType | NVARCHAR(50) | Type of action performed. |
| ActionTime | DATETIME | When the action occurred. |
| Details | NVARCHAR(500) | Optional details about the action. |

# 5. UserDocumentsLog Table

Stores audit log entries for user document insert, update, and delete actions.

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Description |
| LogID | UNIQUEIDENTIFIER | Primary key for document log. |
| DocumentID | UNIQUEIDENTIFIER | Document identifier. |
| UserID | UNIQUEIDENTIFIER | User identifier. |
| DocumentType | NVARCHAR(50) | Type of document affected. |
| OldDocumentURL | NVARCHAR(500) | Previous document URL (before update/delete). |
| NewDocumentURL | NVARCHAR(500) | New document URL (after insert/update). |
| ActionType | NVARCHAR(10) | INSERT, UPDATE, or DELETE. |
| ActionDate | DATETIME | Timestamp of the action. |